

ECS Configuration Change Request

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1. Originator Evan Winston	2. Log Date: 15 FEB 01	3. CCR #: 01-0130	4. Rev: -	5. Tel: 301.925.0348	6. Rm #: 2013	7. Dept. DEV/CO
8. CCR Title: Test Executable 5B.06_PDPS.01 to DAACs, VATC & PVC. Delivers DPS, PLS, and SCIENCEPROCESSOR Subsystems due to PLS database changes required by NCR fixes. NCR 29100 fix and other 5B.06 baseline merges thru 2/13/01.						
9. Originator Signature/Date <i>E. Winston</i> 2/14/01		10. Class II	11. Type: CCR	12. Need Date: 02/15/2001		
13. Office Manager Signature/Date <i>E. Winston</i> 2/14/01		14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: N/A		17. Schedule Impact: N/A		18. CI(s) Affected: DPS, PLS, SCNCPRCS		
19. Release Affected by this Change: 6A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCRs ECSed 29100, 29536, 28552, 28024(dup), 29600, 29608, 29602, 29665.						
23. Problem: (use additional Sheets if necessary) 29536 PDPS tx log fills in OPS halting production 29100 File Watcher not killing 'bad' jobs 28552 Production halts -- may be due to a problem with DPS Locks (dup of 28024 -Jobs hanging in Autosys in OPS) 29600 GSFC/SMC: Alternate inputs logical ID mislabeled in AM1Eph 29608 DPREP ESDT ODL missing comment "close quote" 29602 DPREP potential problem with PGE ODL OPTIONAL_INPUTS 29665 AM-1 DPREP requires registration instructions in HowToRunAm1DPREP						
24. Proposed Solution: (use additional sheets if necessary) Test Executable 5B.06_PDPS.01 will provide fixes to the problems listed above. TE can be loaded on top of installations of 5B.06. NOTE: The Proper 5B DPREP Version Numbers Are: AM1 = 30006 and PM1 = 00105. 6A Version Numbers are: AM1 = 30101 and PM1 = 00201						
25. Alternate Solution: (use additional sheets if necessary) Take no action now and wait until 5B.07+TEs is available.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) DAACs must continue to work around the problems and/or modify operating procedures.						
27. Justification for Emergency (If Block 15 is "Emergency"): addresses several items on the ECS Top Priority List.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Radell M. Miller</i> 2/15/01		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>W. B. Miller</i> 15 Feb 01		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ADDITIONAL SHEET

CCR #: 01-0130 Rev: - Originator: Evan Winston

Telephone: 301.925.0348 Office: DEV/CO

Title of Change: Test Executable 5B.06_PDPS.01 to DAACs, VATC & PVC. Delivers DPS, PLS, and SCIENCEPROCESSOR Subsystems due to PLS database changes required by NCR fixes. NCR 29100 fix and other 5B.06 baseline merges thru 2/13/01.

CONTENT:

CM:

Please generate SGI/IRIX tar from the 5B (5B.06) maintenance branch for the .EcDpScSCNCPRCS.pkg package.

Also, generate SGI/6n32 tar from the 5B (5B.06) maintenance branch for the .EcDpScSCNCPRCS.pkg package.

Also generate a SUN TAR file to include:
Packages from /ecs/formal/PDPS/DPS/PRONG:
.EcDpPrPLNMGMTWS.pkg
.EcDpPrQUESRVR.pkg

Package from /ecs/formal/PDPS/DPS/SSIT
.EcDpAITWS.pkg

Packages from /ecs/formal/PDPS/PLS
.EcPIODPRM.pkg
.EcPIPLNMGMTWS.pkg
.EcPIQUESRVR.pkg

CLEARCASE CM PLEASE NOTE:

Immediately make these TAR files available to the PVC from the machine 'blood'. Do NOT wait for the final sign-off of this CCR to provide these TAR files to the PVC.

Then follow normal procedure and protocol to make the delivery through the SMC.

SMC: distribute to the DAACs.

Install Instructions:

1. Get TAR Files from SMC distribution; Remember to select the proper version of the sgi TAR files provided.
2. UNTAR the files and copy to the staging area. UNTAR the files and copy to the staging area using the Setup.ksh file. Be sure to select "Y" when prompted for "Update ECS Assist Common Files" to get the latest version of ECS ASSIST. THIS MUST BE RUN AS ROOT..
3. On a SUN host, use E.A.S.I. to perform automated installation of the .EcDpScSCNCPRCS.pkg and the .EcDpAITWS.pkg and the all the other listed packages as follows:
 - a. Select the Mode to be installed
 - b. Enter the location of the staged files
 - c. Select CUSTOM and Click Next
 - d. Select the "Subsystem" entry in the "Sort By" box.
 - e. Expand the tree down by the DPS icon and then by holding the shift key select the EcDpSc and EcDpAt icons and the PRONG icon as well..
Also expand down the PLS icon and select the PLS package icons
 - f. You should have Selected all the .pkg packages listed above; Click Next.
 - g. Select Install as the Installation Phase and Click Next

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- h. Select STAGE as the Source File Location . Click Next
- i. Review the packages and hosts as displayed to ensure that they are going to be installed appropriately. Click Next
- j. Click COMM and ensure all DPS SGI and Sun hosts and PLS SUN hosts turn green, signaling they are communicating with ECS E.A.S.I.
- k. Click INSTALL and monitor each host. Ensure each DPS SGI and Sun host and PLS hosts turns green signaling a successful installation.
- l.
- m. Database update. Use the ECS Assistant to run the database patches. You will need to patch up to the most recent level. 5B17. If you have previously installed DPS.06, you will only need to patch with 5B17.

Detailed Summary of fixes and information for checkout testing:

ECSed29100

B. Summary of all NCR fixes:

When post execution fails because errors occur while it processes a failed pge the cleanup routine will delete toolkit log files that are generated during pge execution plus other files it already deletes which are located in the runtime directory.

ECSed29608ECSed29602ECSed29600

B. Summary of all NCR fixes:

NCR 29600: Corrected the mislabeling of DPREP PGE AM1Eph attitude timeline alternate inputs with the ephemeris timeline logical ID.

NCR 29602: Declare the DPREP optional inputs RUNTIME_PARM_ID logical ID as is done with the alternate inputs.

NCR 29608: Add a "closing quote" to comment line in the DPREP ESDT ODLs.

est Instructions for Checkout Lab:

NCR 29600: Schedule a DPREP AM1Eph PGE processing scenario that projects orbit numbers over an interval of 7 days, the maximum allowed by DPREP. This should be successfully performed.

NCR 29602, 29608: No failure condition exists with which to test these changes. Schedule a variety of DPREP plans to exercise the ESDT and PGE ODLs.

ECSed29665

B. Summary of all NCR fixes:

Added registration information to the HowToRun DPREP files, mainly to the file for AM-1 DPREP.

/ecs/formal/PDPS/DPS/data/HowToRunAm1DPREP

/ecs/formal/PDPS/DPS/data/HowToRunPm1DPREP

ECSed29536

B. Summary of all NCR fixes:

Modified trigger "TrigUpdPIDataGranuleShort" to cascade update to PIDataGranuleShort_Archive table, comparing the key value with the value in "inserted" instead of "deleted" column.

. Files in Task:

/ecs/formal/PDPS/PLS/.EcPIDB.lu

/ecs/formal/PDPS/PLS/sybase/EcPICreatePDPSDatabase

/ecs/formal/PDPS/PLS/sybase/EcPIDbPatch.5B17

/ecs/formal/PDPS/PLS/sybase/EcPIDbPatch

/ecs/formal/PDPS/PLS/sybase/README

/ecs/formal/PDPS/PLS/sybase/src/TrigDelPIDataGranuleShort.sql

/ecs/formal/PDPS/PLS/sybase/src/TrigInsPIDataGranuleShort.sql

/ecs/formal/PDPS/PLS/sybase/src/TrigUpdPIDataGranuleShort.sql

/ecs/formal/PDPS/PLS/sybase/src

28552 Production halts -- may be due to a problem with DPS Locks

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